

Description

This double-sided tape consists of a polyethylene foam coated on both sides with a modified acrylic adhesive. The adhesive has high initial adhesion even on rough and difficult substrates.

Carrier

Closed-cell polyethylene foam (1000 micron, white)

Liner

Double-sided siliconised paper (90 g/m², white with blue ORAFOL logo)

Adhesive

Modified acrylic

Area of use

This adhesive is suitable for the commercial assembly of extruded and injection-moulded plastic parts such as screens, strips, cable ducts and Plexiglas mirrors for interior and display applications. It is used for bonding hooks, signs, holders and dispensers as well as for exhibition and shop construction. Due to its high resistance to UV, water and aging, this product is suitable for outdoor applications.

Certificates

This tape is certified according to UL 746C

It has design qualification and type approval of PV-modules in accordance with IEC 61215.

The adhesive AM2 fulfils the requirements of the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I, § 175.105.

Technical Data

Thickness* (foam and adhesive)	1100 micron	
Density* (foam)	55 kg/m ³	
Temperature resistance***	-40° C to +100° C	
Adhesion* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min:	>17 N/25 mm
	after 20 min:	>18 N/25 mm, tear
	after 24 h:	>18 N/25 mm, tear
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	at 23° C:	> 300 hours
	at 70° C:	> 3 hours
Shelf life**	2 years	
Application temperature	> +15° C	

* average ** in original packaging, at 20°C and 50% relative humidity *** normal climate of Central Europe

Available Liner versions

- L2 Double-sided siliconised paper (90 g/m², yellow)
- K3 Double-sided siliconised polypropylene (100 micron, yellow)

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